

Notice of Allowability

Application No.

10/729,177

Examiner

Ramnandan Singh

Applicant(s)

GUDURU ET AL.

Art Unit

2614

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to July 17, 2007.
2. ☒ The allowed claim(s) is/are 1-11, 13-21, 23-26.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☒ Other Marked-up Fig. 4.

DETAILED ACTION

1. This action is in response to applicant's response filed on July 17, 2007. **Claims 1-11, 13-21, 23-26** are pending in the present application.

Specification

2. The amendment to the Abstract of the Disclosure is approved.

3. EXAMINER'S AMENDMENT/COMMENT

Applicant has agreed to the following amendment during his telephonic interview with the Examiner held on Sep 25, 2007:

1) In the Drawings:

In Figure 4, steps 425 and 435 have been amended replacing "sufficiently high" with "predetermined value". A marked-up copy is enclosed.

2) In the specification:

(i) Paragraph 0024, line # 5, change "sufficiently high" to—a predetermined value.

(ii) Paragraph 0026, lines # 4-5, change "sufficiently high" to—predetermined values.

3) In the claims:

(i) Claim 1, lines # 12-13 , change "being sufficiently high" to –
exceeding a predetermined value-- .

(ii) Claim 2, lines # 6-7, change " being sufficiently high" to –
exceeding a predetermined value-- .

(iii) Claim 11, line # 14, change " being sufficiently high" to –
exceeding a predetermined value-- .

(iv) Claim 21, lines # 18-19, change " being sufficiently high" to –
exceeding a predetermined value-- .

The Interview summary is enclosed.

REASONS FOR ALLOWANCE

4. The following is an examiner's statement of reasons for allowance:

Claim 1 recites to techniques to reduce echoes in a communication system and limitations for the following: "selectively transferring the selected portion of the near end signal without processing using foreground

adaptive coefficient filtering and without processing using fixed coefficient filtering in response to a ratio of the selected portion of the far end energy signal over the selected portion of the near end signal energy not exceeding a predetermined value.” The prior art of record does not teach these limitations. Therefore, claim 1 is indicated allowable.

Claims 11 and 21 are essentially similar to claim 1 and hence are indicated allowable. Further, claims 2-10 being dependent from claim 1, claims 13-20, 23-24 being dependent from claim 11, and claims 25-26 being dependent from claim 21 are also indicated allowable.

New search updates reveal no other prior art which teaches the limitations in the context of the claims.

5. The claims have been re-numbered as follows:

CLAIMS NUMBER (ORIGINAL)	CLAIMS NUMBER (FINAL)
1-11	1-11
13-20	12-19
23-24	20-21
21	22
25-26	23-24

Claim no. 1 along with figure number 2 will be published in the

Official Gazette.

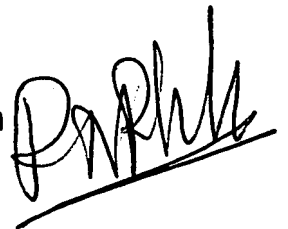
Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ramnandan Singh whose telephone number is (571) 272-7529. The examiner can normally be reached on M-TH (8:00-5:30).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Fan Tsang can be reached on (571) 272-7547. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Ramnandan Singh
Primary Examiner
Art Unit 2614

A handwritten signature in black ink, appearing to read 'Ramnandan Singh', is written over a horizontal line.